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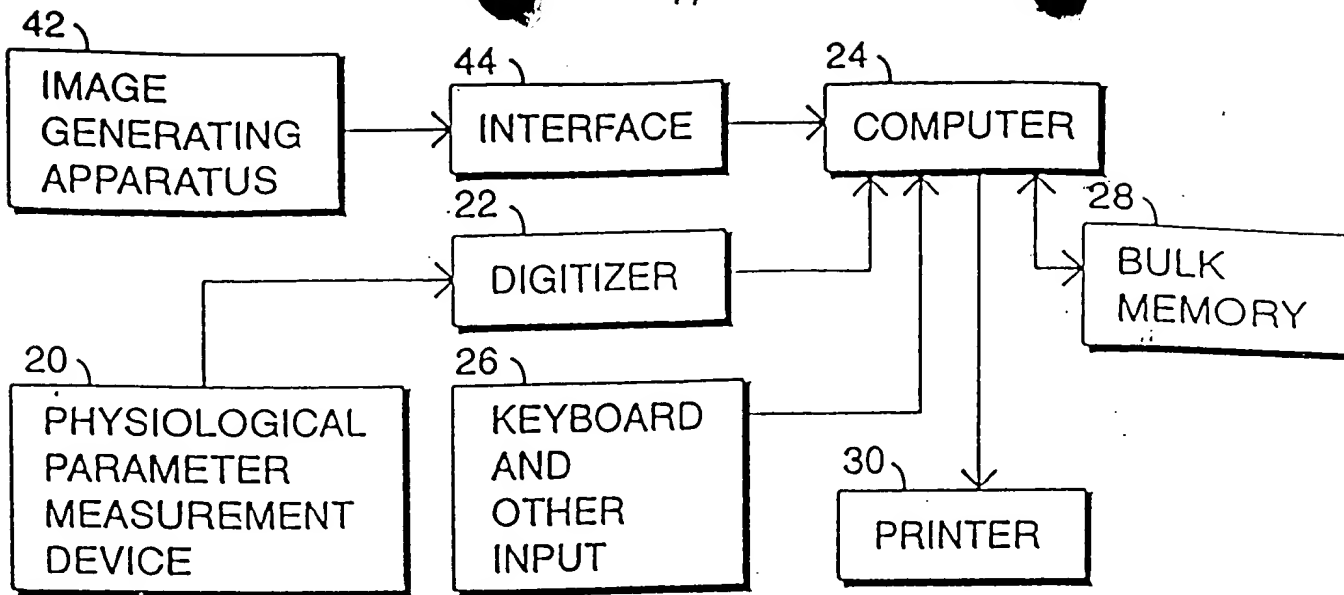


FIG. 1

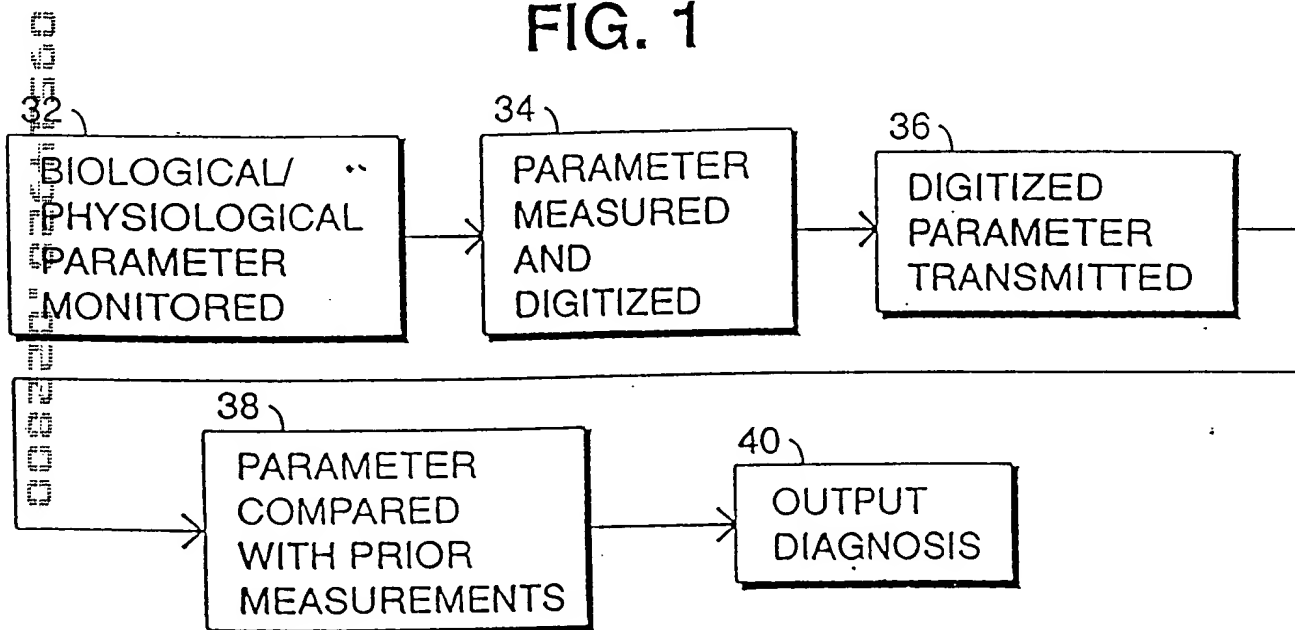


FIG. 2

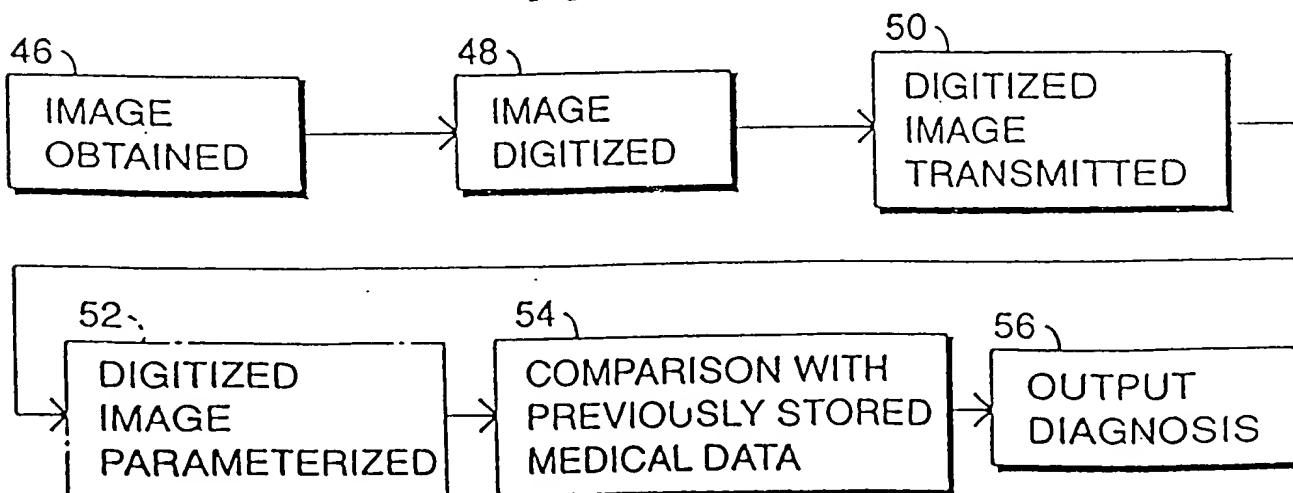


FIG. 3

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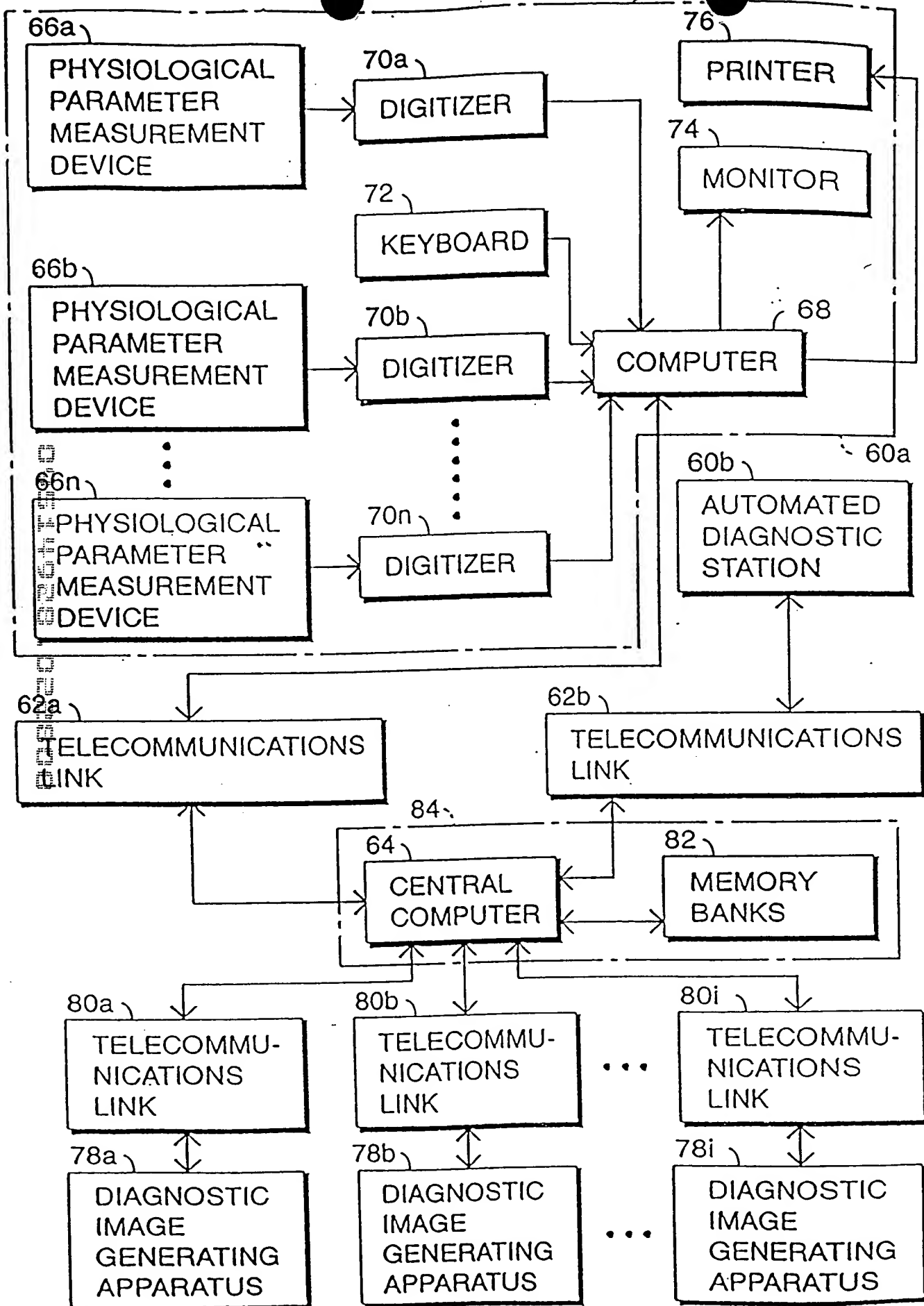


FIG. 4

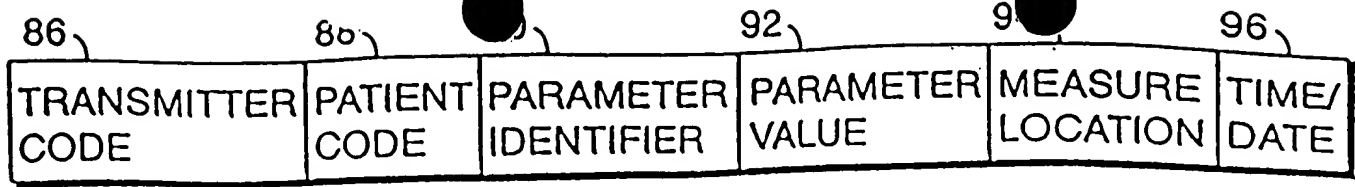


FIG. 5

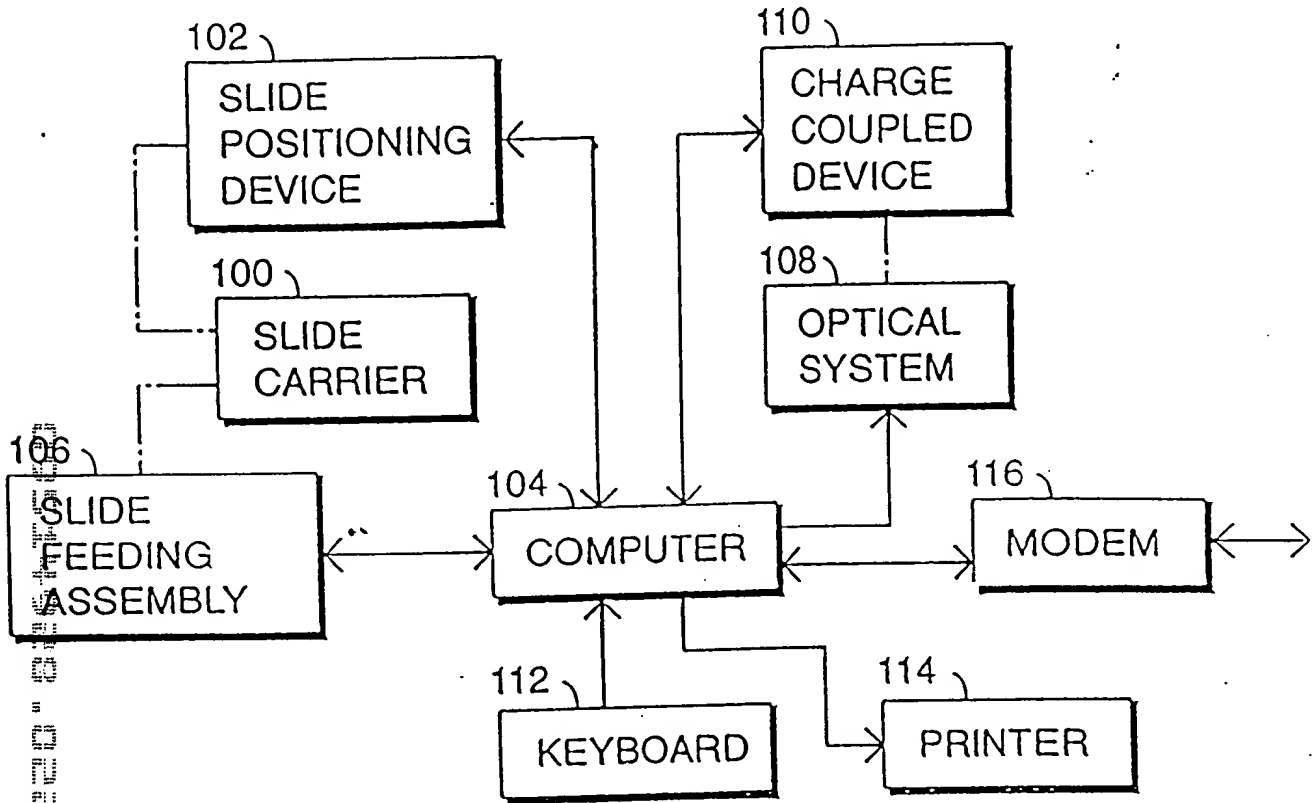


FIG. 6

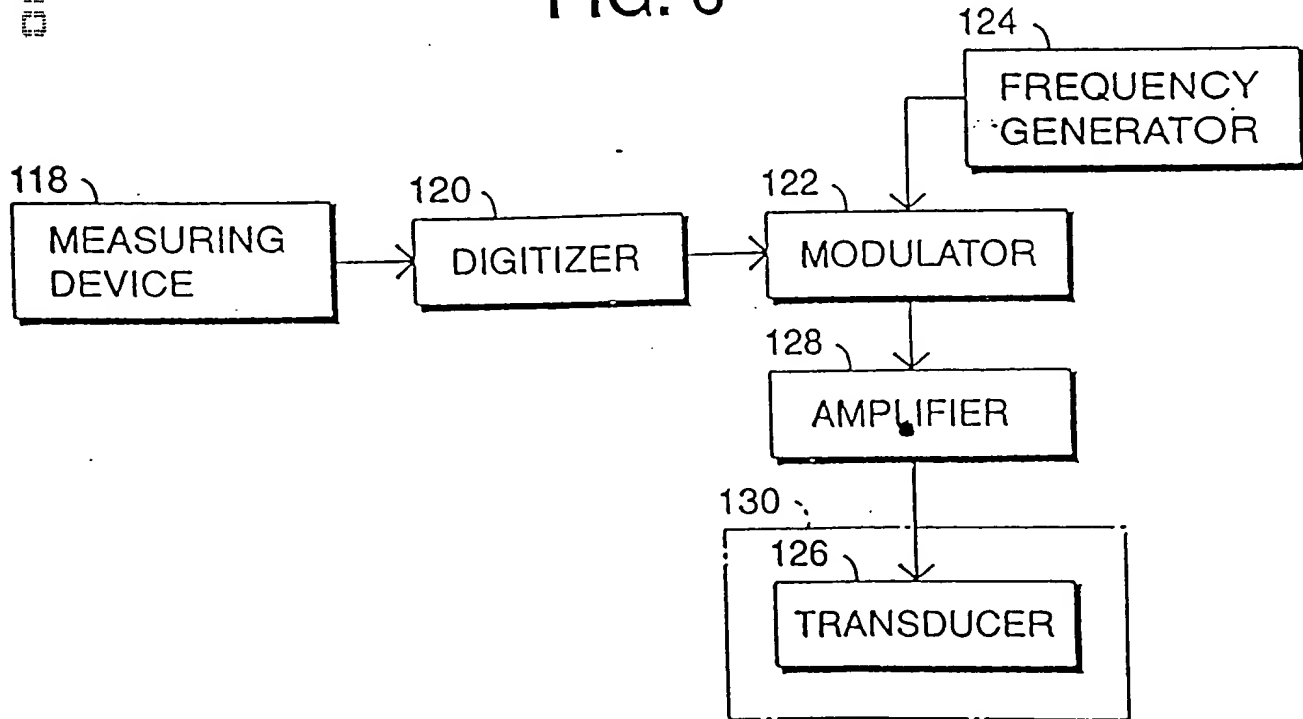


FIG. 7

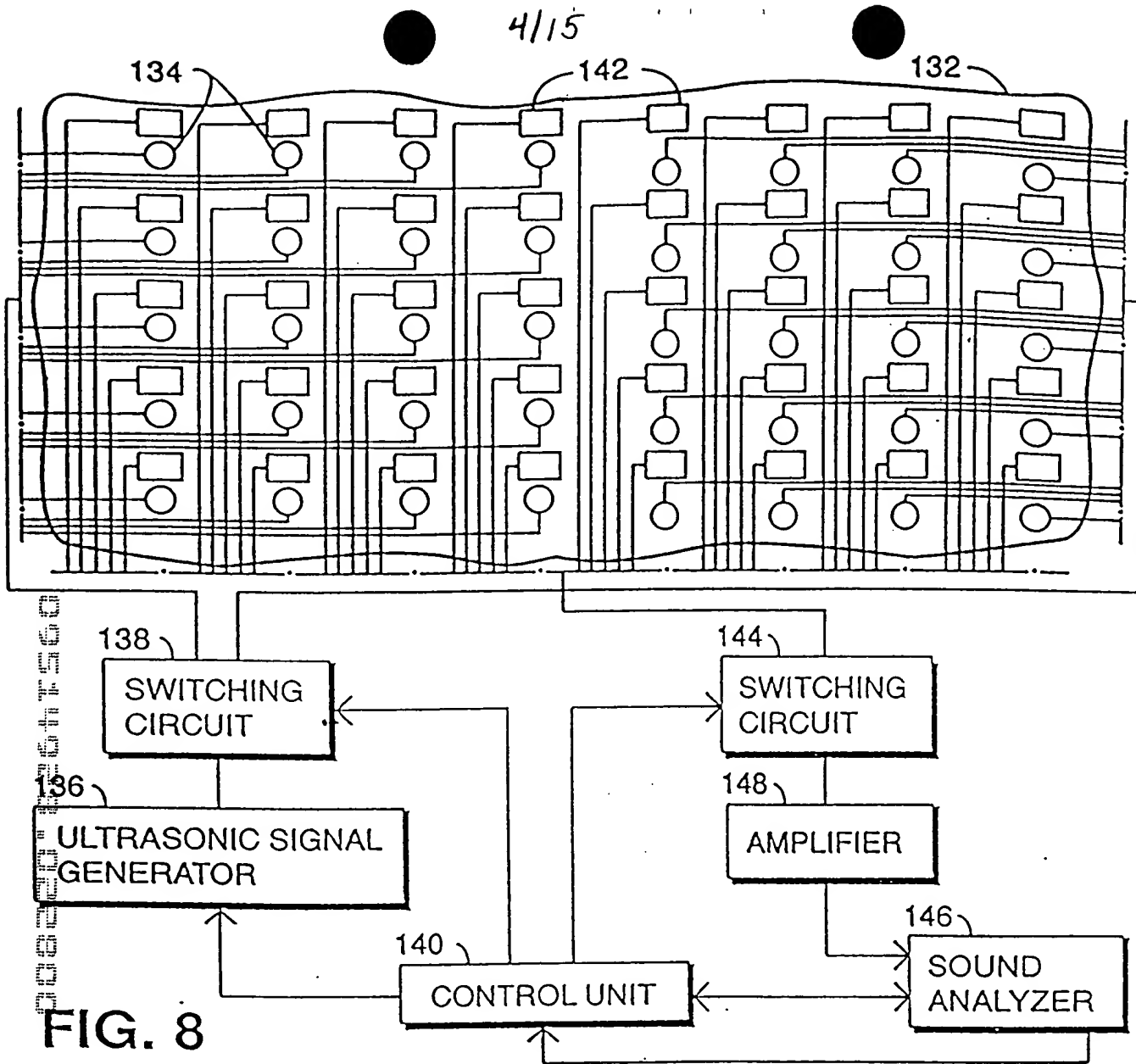


FIG. 8

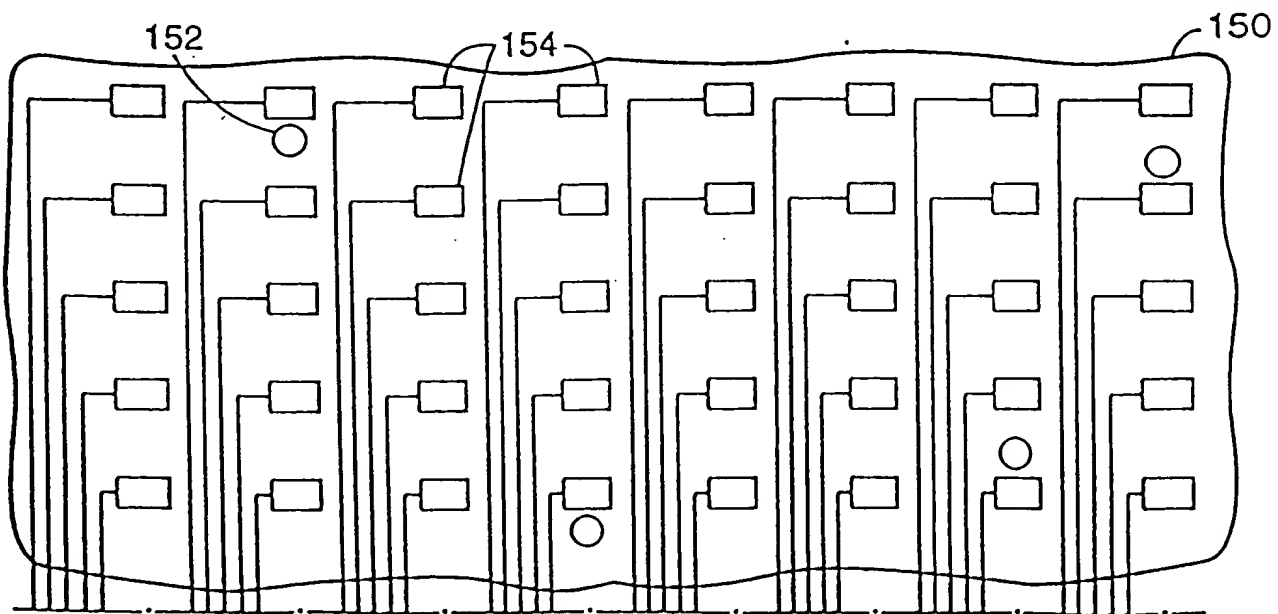
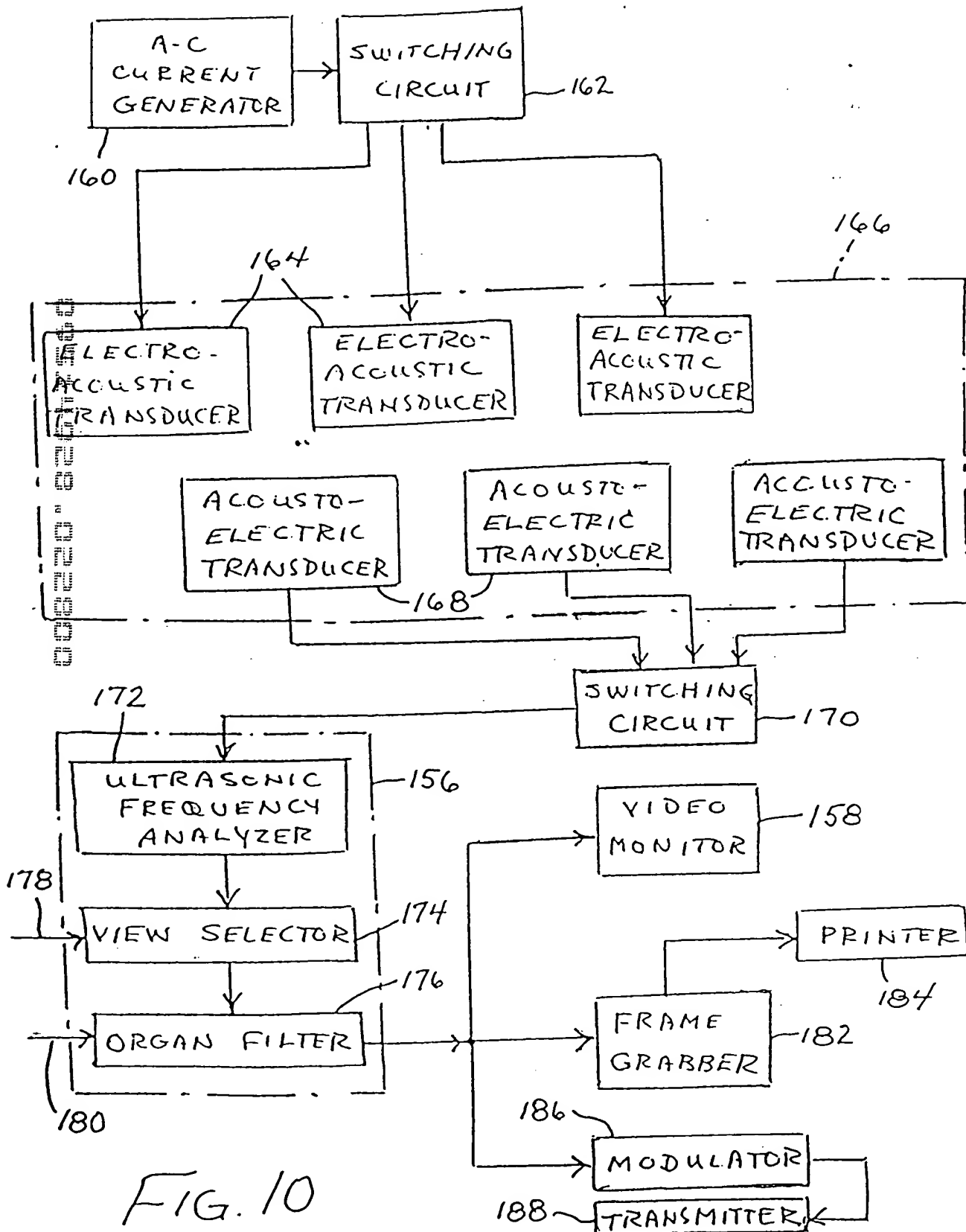
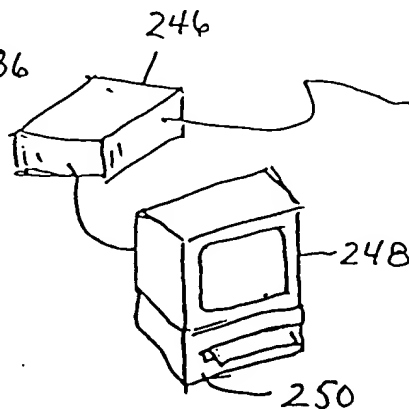
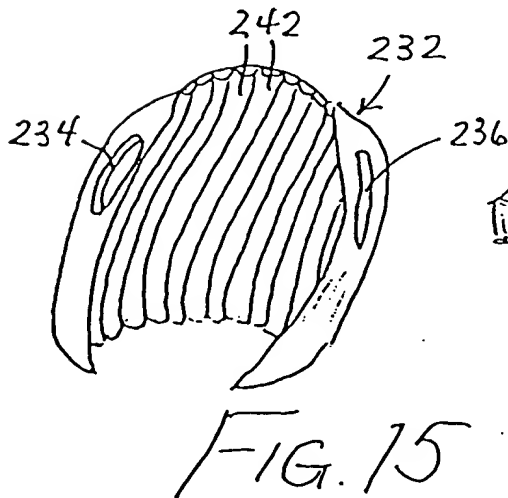
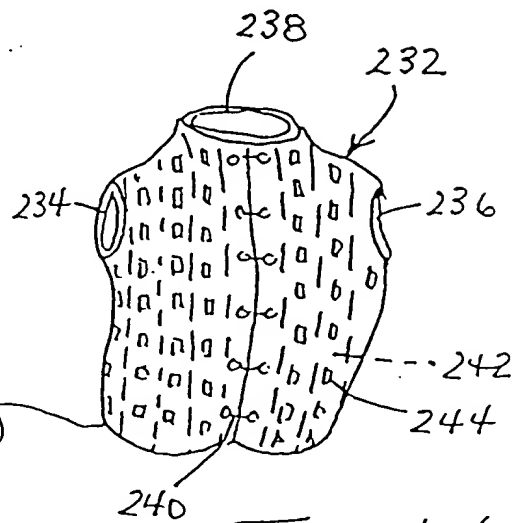
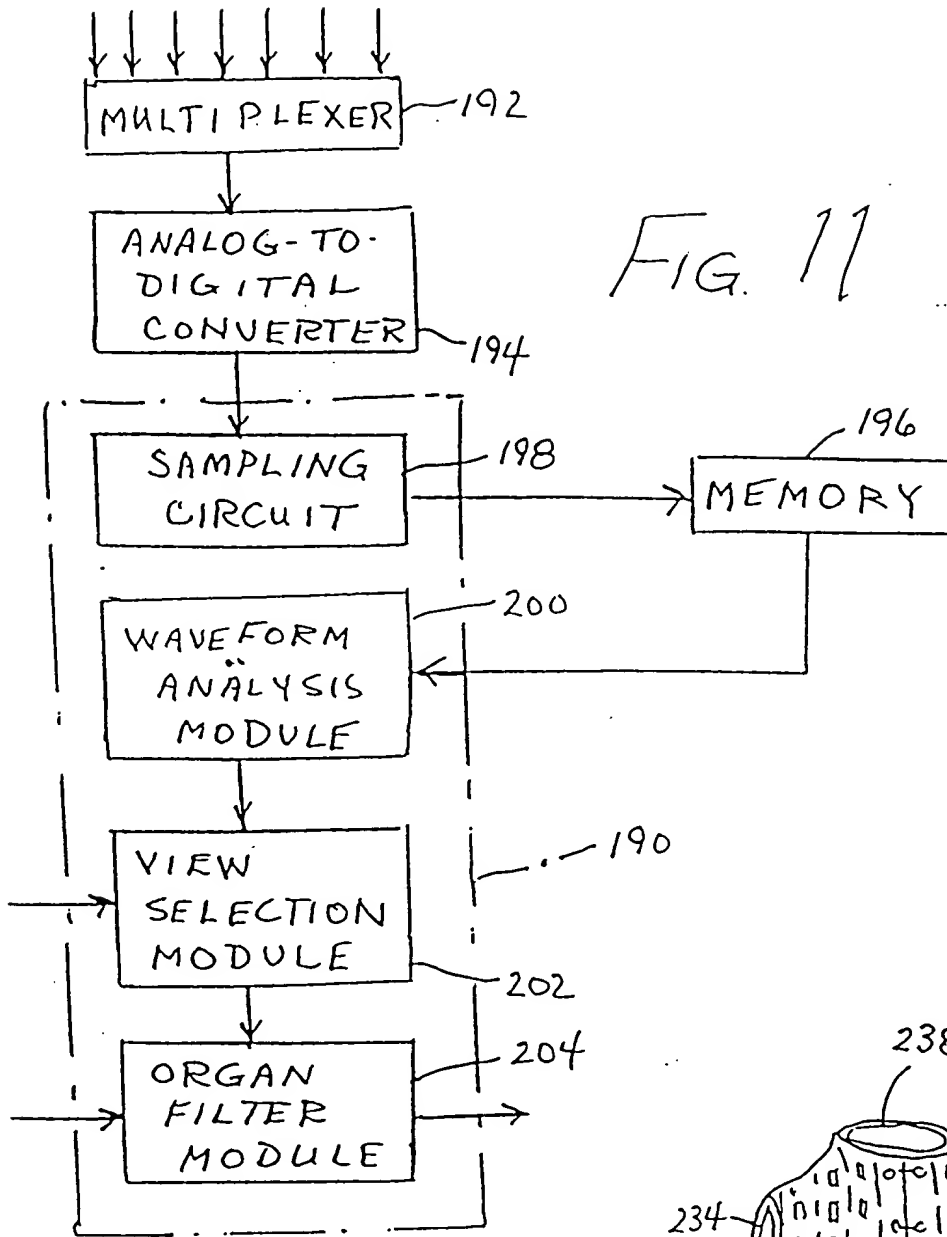
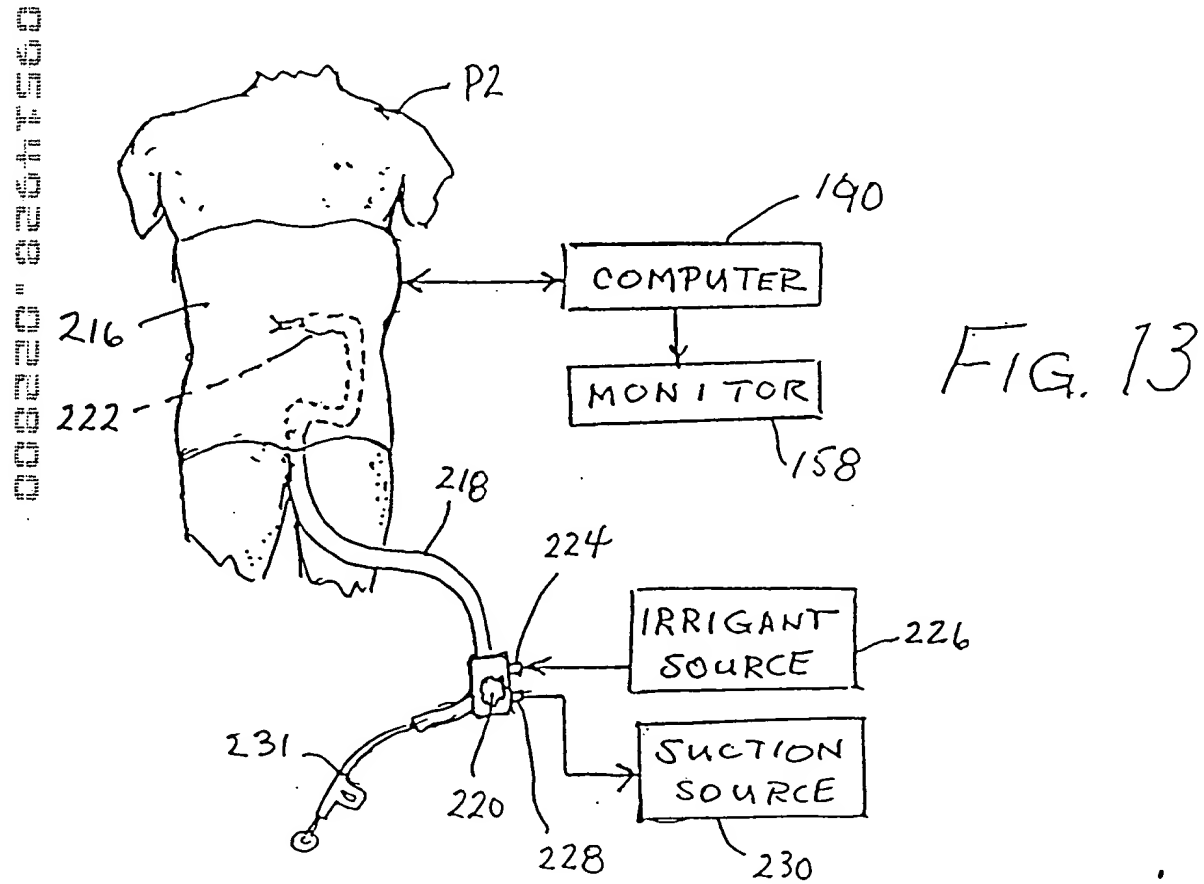
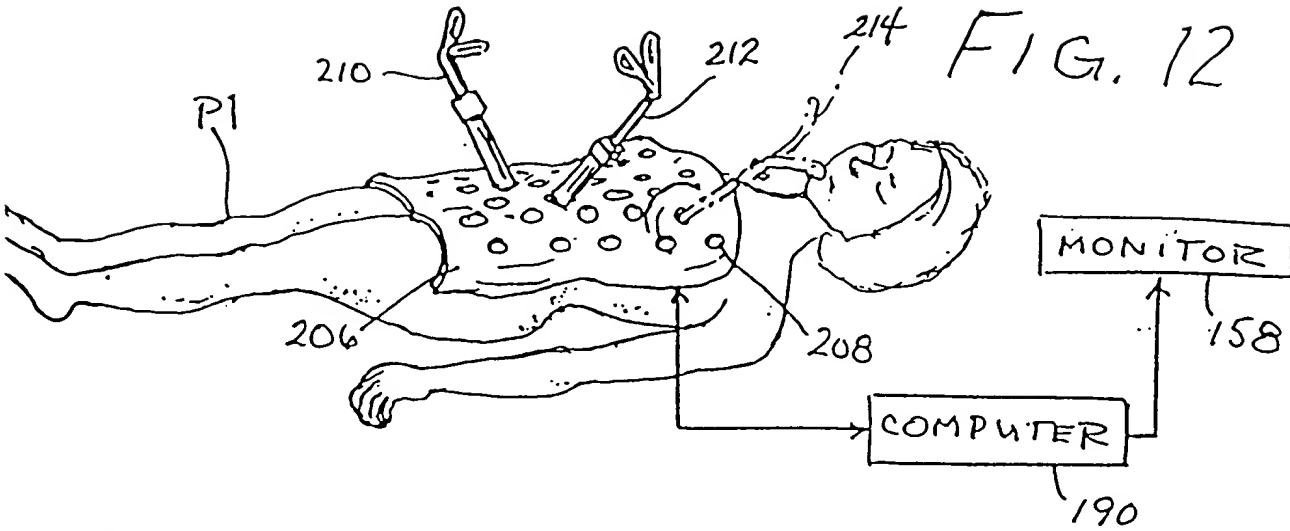


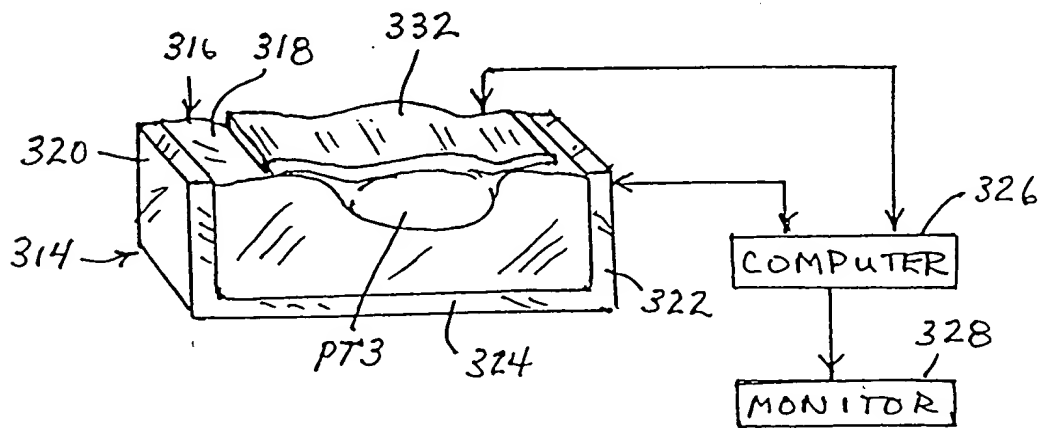
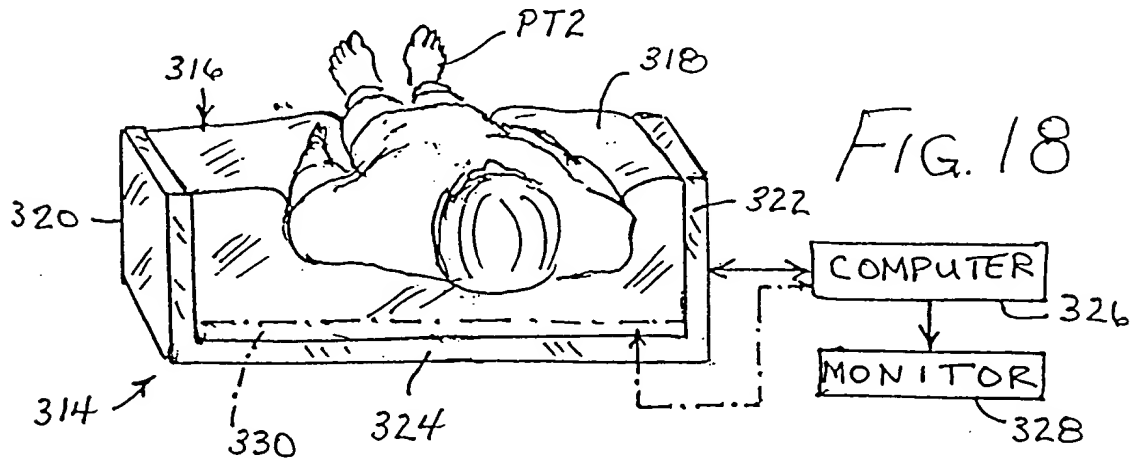
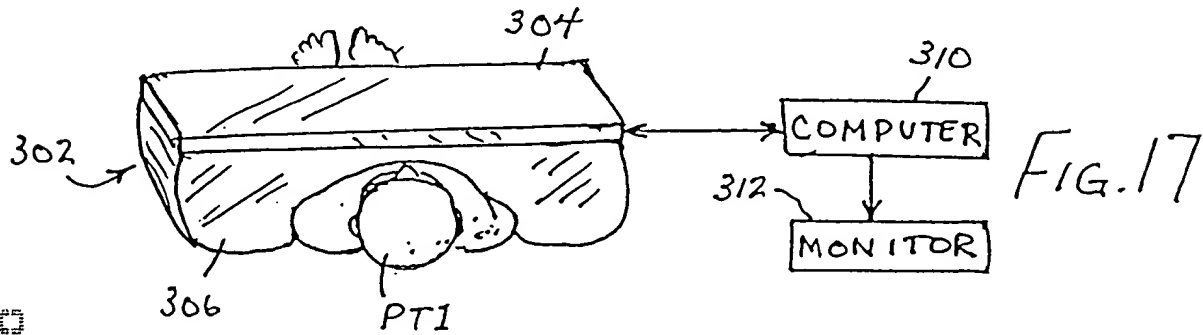
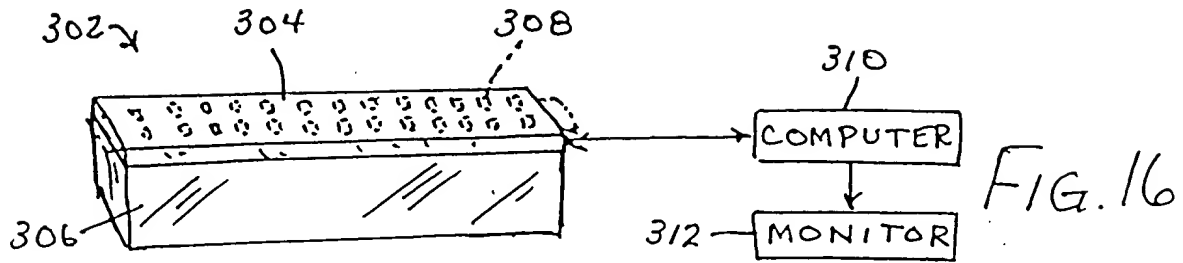
FIG. 9

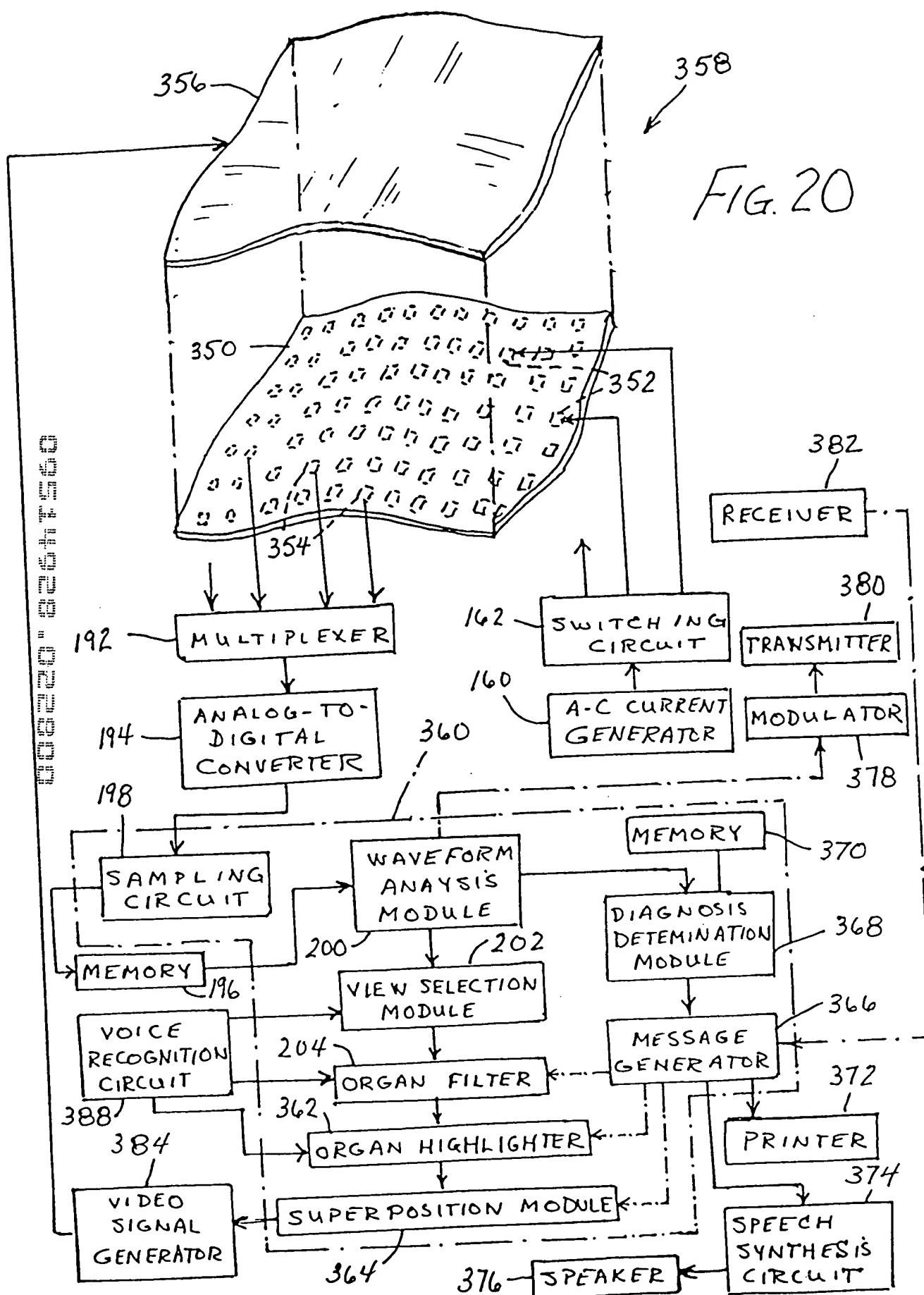
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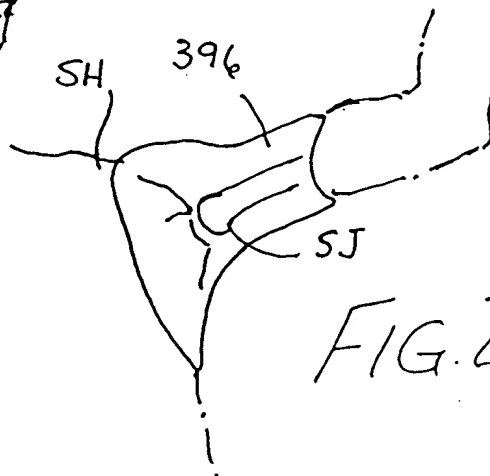
[illegible]

FIG. 22B

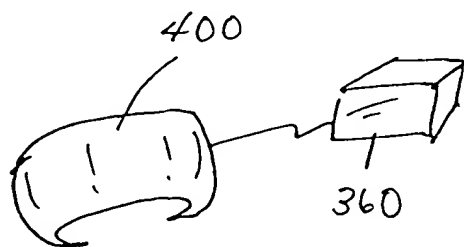
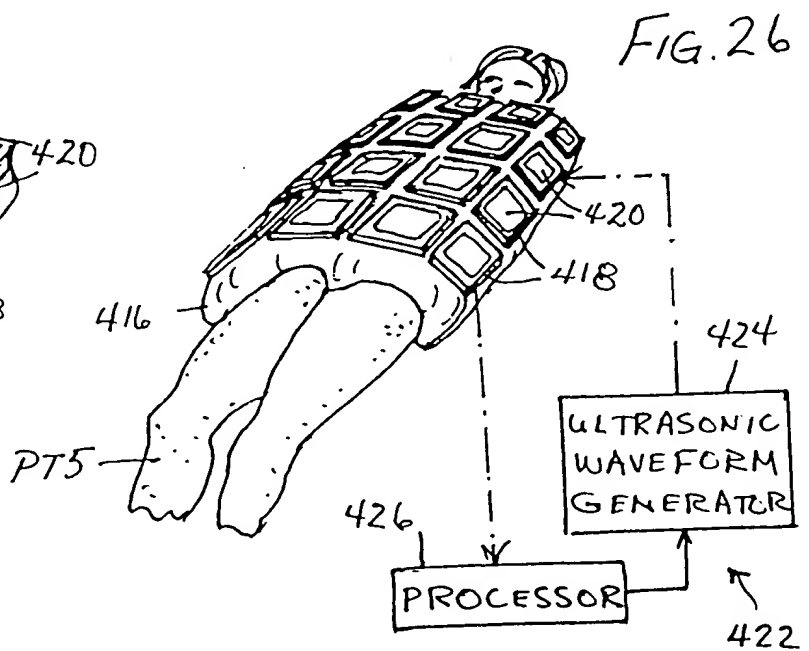
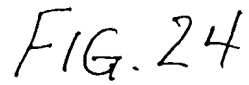


FIG. 23A



FIG. 23B



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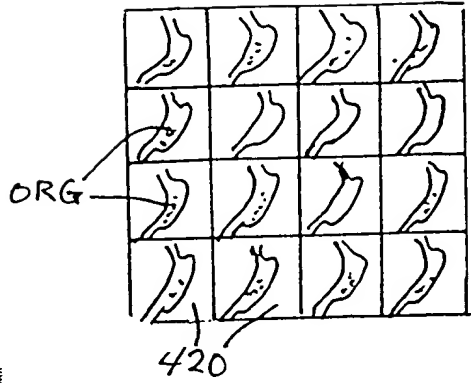


FIG. 27A

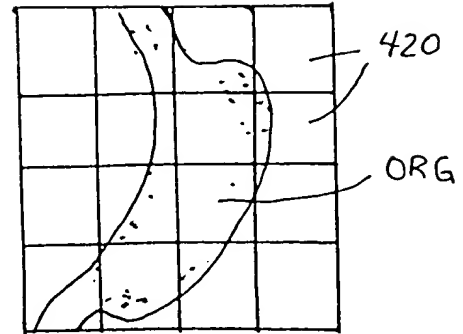


FIG. 27B

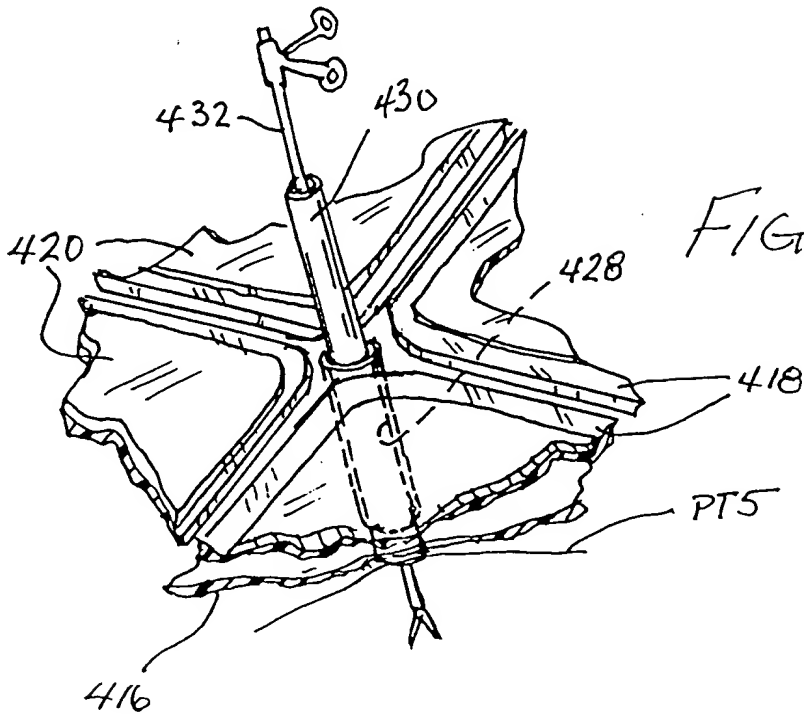


FIG. 28

000220" 82647500

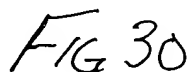


FIG. 32

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PHASED ARRAY
SIGNAL PROCESS-
ING CIRCUITRY

470

RX/TX
MULTIPLEXER

444

466

468

